HCLSoftware

HCL Universal Orchestrator 2.1 Portal Order processing Demo Pack

Scenario 3

The Operator's perspective

Workload Automation Technical advisor's team

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1. Scene 1: Cover

Welcome to HCL Universal Orchestrator.

Your mission, as an Operator, is to Stay in control with custom dashboards and KPIs. You will also be introduced to the new policy-driven plan, which allows a scheduler to change the Workflow execution time which reflects instantaneously on the plan.

Steps:

- 1. Once your solution is deployed, access to the solution console using the credentials from Active Sandboxes pages as listed on Scenario 1.
- 2. If you followed scenario 1 you should have /**RETAIL/ORDER_PROCESS** Workflow submitted on the plan. You can view the Workflow / Tasks under Monitoring > Orchestration Monitor



Figure 1 Selecting Orchestration Monitor view

3. ORDER PROCESS Workflow created on scenario 1 has 6 or 7 instances on the plan.

HCL Universal Orchestrator										
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Figure 2 ORDER_PROCESS - successful and waiting Workflow instances

2. Understand the policy-driven plan

The new plan is designed to run autonomously with minimal user interaction while still guaranteeing full user control over the whole workload.

On example bellow we have the ORDER_PROCESS Workflow with a 4 hour frequency. Which is why we are seem 6 instances on the plan (or 7 – if one instance is executed already).

HCL Universal Orchestrator										
ඛ	Workspace 🕤		Θ							
⊱.	Blocks 🗗 Assets 🛇	G ORDER_PROCESS x ^K [☐ Triggers 1 ∉CLOUD								
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	ິ່≻ _{ຮັ} Workflow	START_ORDER_PR								
	/CLOUD#/RETAIL/ORDE : Description: workflow to sta									

Click on "Triggers" inside the Workflow ORDER_PROCESS to open RC1 (run cycle):

Figure 3 ORDER_PROCESS – select "Triggers"

Click on "Edit" on the right side:

Workflow	×				
Triggers	Add new +				
ଷ RC1					
Edit 🔟					

Figure 4 Workflow Triggers - "Edit"

You see now the detailed properties of RC1. Scroll down until "Expression". Let's go ahead and change the INTERVAL from 4 to 2. Finally click on "Deploy" and confirm Deploy on next page. (On following page you are asked: "Do you want to delete the workspace?" \rightarrow Click "No")

즈 T	Deploy 🗸 …							
Run cycle	× ×							
Triggers > RC1								
Expression *								
FREQ=HOURLY;INTERVAL=2								

Figure 5 Changing INTERVAL to "2"

Go back to the "Monitor" View and notice now we instantaneously have 12 instances on the plan with status "Hold". This is thanks to the new UnO architecture and it's adaptative plan. This re-evaluation process automatically runs every time a new Workflow instance is activated or when a new Task is submitted.

Tasks	Depend	encies Release	dependencies	Predecessors	Cancel	Cancel pending	Change priority	Change limit	Properties	More actio	ons
Status	\uparrow_{\downarrow}	Internal status	↑ _↓ Folder	r ↑ _↓ Wo	orkflow 1	Workstation	↑↓ Scheduled	time ↑ _↓	Not satisfied dep	pendencies	Total
Select	•	Select		earcl Q	Search	Q Search	Select date	Ê			
Successful	•	SUCC	/RETAIL/		ORDER_PROCESS	/CLOUD	01/30/2025 9:0 AM CET	0:00	0		7
Waiting	٠	HOLD	/RETAIL/	(ORDER_PROCESS	/CLOUD	01/30/2025 11: AM CET	00:00	0		7
Waiting	٠	HOLD	/RETAIL/		ORDER_PROCESS	/CLOUD	01/30/2025 1:0 PM CET	0:00	0		7
Waiting	•	HOLD	/RETAIL/	(ORDER_PROCESS	/CLOUD	01/30/2025 3:0 PM CET	0:00	0		7
Waiting	٠	HOLD	/RETAIL/		ORDER_PROCESS	/CLOUD	01/30/2025 5:0 PM CET	0:00	0		7
Waiting	•	HOLD	/RETAIL/		ORDER_PROCESS	/CLOUD	01/30/2025 7:0 PM CET	0:00	0		7
Waiting	•	HOLD	/RETAIL/	(ORDER_PROCESS	/CLOUD	01/30/2025 9:0 PM CET	0:00	0		7
Waiting	•	HOLD	/RETAIL/		ORDER_PROCESS	/CLOUD	01/30/2025 11: PM CET	00:00	0		7
Waiting	•	HOLD	/RETAIL/	(ORDER_PROCESS	/CLOUD	01/31/2025 1:0 AM CET	0:00	0		7
Waiting	•	HOLD	/RETAIL/	(ORDER_PROCESS	/CLOUD	01/31/2025 3:0 AM CET	0:00	0		7
Waiting	•	HOLD	/RETAIL/	(ORDER_PROCESS	/CLOUD	01/31/2025 5:0 AM CET	0:00	0		7
Waiting	•	HOLD	/RETAIL/	0	ORDER_PROCESS	/CLOUD	01/31/2025 7:0 AM CET	0:00	0		7
Waiting	•	HOLD	/RETAIL/	(ORDER_PROCESS	/CLOUD	01/31/2025 9:0 AM CET	0:00	0		7

Figure 6 ORDER_PROCESS Workflow instance planned every two hours